Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 06 Feb 2021 until 23:59 on Sunday 07 Feb 2021

Forecast Issued on Saturday 06 Feb 2021 at 04:27

Confidence: High for staying cold through the forecast period with periods of snow and strong easterly winds, but lower with regard to cloud and snow amounts.

Headline for Saturday 06 Feb 2021: Cloudy, very cold with spells of sleet and summit snow this morning, then snow to most levels this afternoon, then all levels this evening.

Mountain weather hazards on Saturday 06 Feb 2021

Blizzards
Medium Likelihood

Heavy Snow
High Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
High Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sleet	Heavy snow	Heavy snow	Heavy snow	Heavy snow	Heavy snow
Precipitation probability					
60%	70%	90%	80%	80%	70%

Forecast for Saturday 06 Feb 2021

Weather: Cloudy with spells of rain or sleet at first this morning, although snow over higher summits. Further spells of sleet and snow this afternoon, the snow falling increasingly to low levels through today, with snow at all levels by this evening. The snow will become heavy at times, which combined with strengthening winds are likely to generate blizzard conditions over the tops. Any drier and brighter interludes reserved for the west this morning, but will be rare.

Chance of cloud free mountain/hill tops above 600m: Possibly 40% in west at times, but mainly 20% or less.

Visibility: Lengthy periods of cloud down to 500m, but 300 m at times in east. Good visibility away from and beneath cloud, but falling to a few kilometres or less with rain, sleet or snow and near nil in blizzards.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Saturday 06 Feb 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	21/27 E	22/29 E	21/28 E	22/30 E	26/36 E	30/41 E	30/42 E
300	11/24 E	13/27 E	13/27 NE	15/30 NE	18/37 E	18/39 E	18/38 E
Valley	11/25 E	11/25 NE	12/27 NE	14/29 E	14/33 NE	15/34 E	14/33 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-5	1/-5	0/-6	-1/-8	-1/-9	-2/-11	-3/-12
300	4/-0	3/-1	2/-3	2/-4	1/-6	-0/-6	-0/-7
Valley	4/1	5/1	4/-0	4/-1	2/-3	2/-4	1/-4
Freezing Level*	800m	800m	600m	400m	300m	200m	100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A severe chill should be expected especially on the higher tops, even with lighter winds this morning. Lying snow building up, perhaps some drifting at higher elevation. Blizzards and ice will bring difficult if not dangerous conditions at times.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 06 Feb 2021	2.6mm	6.4mm	21mm

Forecast for Sunday 07 Feb 2021

Weather: Heavy snow at first, soon easing to lighter and patchy snow and then gradually broken cloud and scattered snow showers developing through the morning, with the snow showers especially across eastern areas. Feeling bitterly cold, with some further accumulations of snow possible, especially across eastern areas, and with drifting likely of existing lying snow.

Maximum wind: East or northeast 20-25mph, but 35 gust 55mph over the tops, especially in any showers.

Chance of cloud free mountain/hill tops above 600m: Near zero improving 80% across western areas, and 50% in the east.

Visibility: Occasional cloud down to 600m, but 400m in any snow showers. Generally very good or excellent out of cloud, but some sun glare off lying snow, and temporarily a few km or less with snow showers.

Temperature: **Valleys:** Minus 1 C to plus 2 C
At 600m: Minus 5 C
Freezing level: All levels, perhaps temporarily rising to 200m during the day.

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